Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 11 Dec 2022 until 23:59 on Monday 12 Dec 2022

Forecast Issued on Sunday 11 Dec 2022 at 03:36

Confidence: High for remaining cold.

Headline for Sunday 11 Dec 2022: Cold and mainly cloudy with isolated wintry showers, drier later. Light winds.

Mountain weather hazards on Sunday 11 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG					
Fog	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	10%	<05%	<05%	<05%	<05%

Forecast for Sunday 11 Dec 2022

Weather: Rather cloudy with isolated wintry showers possible during the morning. Becoming drier into the afternoon with cloud breaking to give some clearer spells to end the day. Remaining cold at all levels with valley temperatures only briefly above freezing through the middle of the day.

Chance of cloud-free hill tops above 600m: 60% becoming 80% by late afternoon.

Low cloud and visibility: Occasional cloud above around 300-400m during the morning, lifting slightly and becoming more isolated for all areas through the afternoon. Visibilities generally good, quickly becoming poor or very poor in any isolated showers with cloud bases also likely to drop in association, and very poor within cloud at height.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 11 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/9 NE	7/9 NE	5/7 NE	3/5 N	3/5 W	3/5 W	3/5 NW
300	6/12 NE	4/8 NE	4/6 NE	3/4 W	3/4 SE	2/3 E	3/4 S
Valley	7/13 E	4/8 E	3/5 NE	3/5 W	2/4 E	2/3 E	2/3 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-7	-3/-7	-2/-6	-3/-5	-3/-6	-3/-6	-4/-6
300	-1/-4	-1/-3	-0/-2	-0/-2	-1/-3	-1/-3	-2/-4
Valley	-0/-4	-0/-2	1/-1	0/-1	-1/-3	-2/-4	-3/-5
Freezing Level*	100m	00m	200m	200m	100m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions more challenging early with occasional hill fog. Little thawing should be expected through the day even at low levels given the low temperatures with icy ground at all levels possible. A significant chill effect possible despite light winds.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 11 Dec 2022	0.8mm	1mm	1.2mm

Forecast for Monday 12 Dec 2022

Weather: Continuing cold, largely dry with good periods of weak sunshine, but a few isolated light snow showers cannot be ruled out.

Maximum wind: East 15mph or less

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Areas of low cloud and fog in the west below around 200m during the morning, these clearing only slowly into the afternoon. Visibilities generally good outside of cloud but likely to drop quickly in any isolated showers.

Temperature: **Valleys:** Minus 4 Celsius increasing plus 1 Celsius early afternoon
At 600m: Minus 4 Celsius
Freezing level: Surface to 200m

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